

# ABSEIL ACCESS LTD

## Reference Project

### Steel Span Bridge Construction

Location: Israeli Creek, Routeburn Track

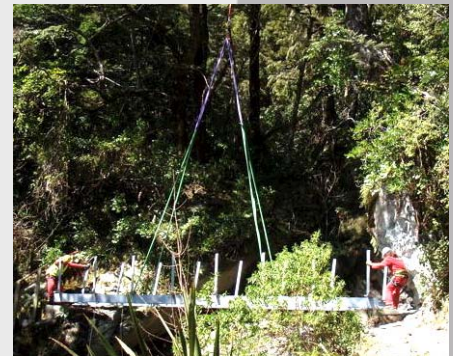
Date: October 2010

Client: Department of Conservation



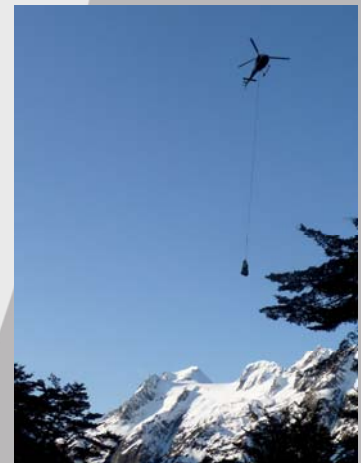
Israeli creek crosses the Routeburn track between the Flats Hut and the Falls Hut. The existing steel grider bridge was damaged by a flood and became unusable. The bridge site is at an altitude of 800m.

Abseil Access Ltd won the tender to manufacture and install an 11m long steel span bridge and remove the old I-beam damaged structure. The design was by DoC engineer Tim Cross.



Two tons of equipment were flown in and the crew of two stayed in the Flats Hut 25mins walk away. The concrete foundations required repairs and strengthening to the rock embankments. The close proximity of a river buttress required the use of explosives.

The 1.2t new steel span was manufactured by Morgan Engineering and zinc metal arc coated. It was lifted in as one piece using a B3 helicopter. The existing damaged bridge was removed in two pieces.



The Abseil Access bridge building crew completed the project within the four days allocated.



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